

Converting Colors

XYZ(19.4293, 29.3387, 22.0917)

Have a look what the booklet for
XYZ(19.4293, 29.3387, 22.0917)
contains.

XYZ(19.4293, 29.3387, 22.0917)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.4293, 29.3387,
22.0917)**

Conversions

Conversions Part 1

Format	Color
Hex	4AA477
RGB	74, 164, 119
RGB Percent	29%, 64%, 47%
CMY	0.7098, 0.3569, 0.5333
CMYK	0.55, 0.00, 0.27, 0.36
HSL	150°, 38%, 47%
HSV	150°, 55%, 64%
XYZ	19.4293, 29.3387, 22.0917
YIQ	131.9600, -39.1950, -33.0750

Conversions

Conversions Part 2

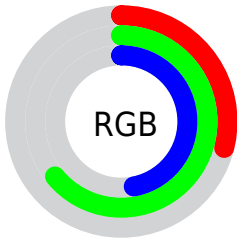
Format	Color
RYB	74, 134, 164
Decimal	4891767
CIELab	61.08, -37.70, 15.37
CIELCh	61, 40.714, 157.815
Yxy	29.3387, 0.2742, 0.4140
Android (android.graphics.Color)	4283081847 (0xFF4AA477)
YUV	131.9600, -6.3893, -50.8309
Hunter-Lab	54.1652, -30.7604, 13.7338

Details

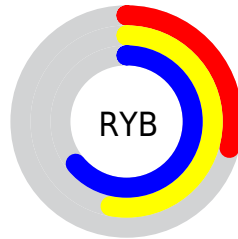
The XYZ color **19.4293, 29.3387, 22.0917** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **21.0894, 14.1227, 19.0683**, and the grayscale version is **21.9508, 23.0940, 25.1493**.

A 20% lighter version of the original color is **41.9971, 58.7938, 47.6629**, and **6.8275, 11.8304, 7.7180** is the 20% darker color. If you saturate the color by 10%, you get **17.8562, 28.5830, 19.5576**, and if you desaturate by 10%, it is **21.3757, 30.2835, 24.8664**.

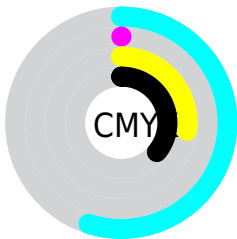
Distribution



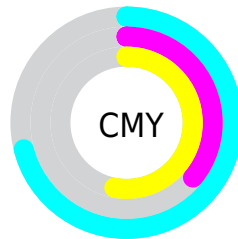
- Red (29%)
- Green (64%)
- Blue (47%)



- Red (29%)
- Yellow (53%)
- Blue (64%)



- Cyan (55%)
- Magenta (0%)
- Yellow (27%)
- Black (36%)





- Cyan (71%)
- Magenta (36%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.4293, 29.3387, 22.0917 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 19.4293, 29.3387, 22.0917 by changing the saturation by 10% instead.


 19.4293, 29.3387,
22.0917


 19.4293, 29.3387,
22.0917


241.7015,
298.8097, 275.9939


 12.0867, 19.3372,
13.7253


 41.9696, 58.6148,
47.8016


 6.8754, 11.9142,
7.7933


 57.8979, 78.6581,
65.9823


 3.4299, 6.6853,
3.8771


 77.4190, 102.8176,
88.2715

 1.3850, 3.2661,
1.5582

 100.8981,
131.4775, 115.0877

 0.2455, 1.2722,
0.2607

 128.7005,
165.0223, 146.8495

 0.0000, 0.1195,
0.0000

161.1916,

 0.0000, 0.0000,

203.8363, 183.9754

0.0000

198.7368,
248.3040, 226.8841

■ 19.4293, 29.3387,
22.0917

■ 19.4293, 29.3387,
22.0917

■ 17.8562, 28.5830,
19.5576

■ 21.3757, 30.2835,
24.8664

■ 16.6267, 27.9989,
17.2552

■ 23.7173, 31.4262,
27.8863

■ 15.7104, 27.5715,
15.1780

■ 26.4772, 32.7794,
31.1582

■ 15.0690, 27.2813,
13.3181

■ 29.6759, 34.3536,
34.6880

■ 14.7990, 27.1612,
12.4452

■ 33.3325, 36.1585,
38.4817

■ 37.4649, 38.2032,
42.5447

■ 42.0903, 40.4964,
46.8823

■ 47.2245, 43.0463,
51.5000

■ 52.8832, 45.8608,
56.4026

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



22.0606, 29.3387, 13.9114



19.4293, 29.3387, 22.0917



18.9123, 29.3387, 36.1057

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19.4293, 29.3387, 22.0917



29.3029, 29.3387, 70.7534



36.7936, 29.3387, 17.1134

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



19.4293, 29.3387, 22.0917



21.0894, 14.1227, 19.0683

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



39.3249, 29.3387, 28.1166



19.4293, 29.3387, 22.0917



34.6550, 29.3387, 61.2052

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



19.4293, 29.3387, 22.0917



24.1909, 29.3387, 67.5726



38.4961, 29.3387, 44.3629



31.9384, 29.3387, 11.7415

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



19.4293, 29.3387, 22.0917



19.7657, 29.3387, 47.6965



38.4961, 29.3387, 44.3629



37.9709, 29.3387, 20.1101

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



19.4301, 29.3399, 22.0924



52.9882, 61.9232, 62.0212



22.3277, 31.0756, 11.3003



11.3296, 13.4122, 13.2827



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.4301, 29.3399, 22.0924



31.8287, 51.6029, 34.4734



22.6666, 30.6345, 39.1357



7.1263, 7.9513, 8.2770



11.3708, 20.8346, 9.6689



0.2628, 0.4473, 0.3288

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.0894, 14.1227, 19.0683



35.1583, 21.0676, 28.4052



19.0467, 13.3056, 8.3114



7.2145, 7.1423, 8.1162



12.9307, 6.5283, 6.8258



0.2956, 0.1467, 0.2690

Previews

White Background



This preview shows how the XYZ color 19.4293, 29.3387, 22.0917 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 19.4293, 29.3387, 22.0917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4293, 29.3387, 22.0917

Background



This preview shows how black text looks on a background with the XYZ color 19.4293, 29.3387, 22.0917.



This preview shows how white text looks on a background with the XYZ color 19.4293, 29.3387,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

19.4293, 29.3387, 22.0917

Protanopia

27.0528, 28.8736, 19.1862

Deuteranopia

29.5252, 28.9400, 23.0986



Tritanopia

23.4325, 29.1401, 42.4198

Trichromacy



Original Color

19.4293, 29.3387, 22.0917

Protanomaly

23.1809, 28.5094, 20.2007

Deuteranomaly

24.0918, 27.9684, 22.5410

Tritanomaly

21.8129, 29.2608, 33.7764

Monochromacy



Original Color

19.4293, 29.3387, 22.0917

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.3596, 24.8583, 23.8037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4293, 29.3387, 22.0917 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(74, 164, 119)` looks like.

```
.text, #text, p{  
    color:rgb(74, 164, 119)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(74, 164, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 164, 119) }
```

Border

The CSS property to change the border of an element to XYZ 19.4293, 29.3387, 22.0917 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(74, 164, 119) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(74, 164, 119) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(74, 164, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 164, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 164, 119);  
box-shadow:4px 4px 4px 4px rgb(74, 164,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4293, 29.3387, 22.0917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 164, 119) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(74, 164,  
119) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor